

Converting Colors

HunterLab(51.9491, -13.8556,
17.7164)

Have a look what the booklet for
HunterLab(51.9491, -13.8556,
17.7164) contains.

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Color

**HunterLab(51.9855,
-13.8735, 17.7485)**

Conversions

Conversions Part 1

Format	Color
Hex	849465
RGB	132, 148, 101
RGB Percent	52%, 58%, 40%
CMY	0.4824, 0.4196, 0.6039
CMYK	0.11, 0.00, 0.32, 0.42
HSL	80°, 19%, 49%
HSV	80°, 32%, 58%
XYZ	22.4546, 27.0249, 16.3447
YIQ	137.8580, 5.5510, -18.0090

Conversions

Conversions Part 2

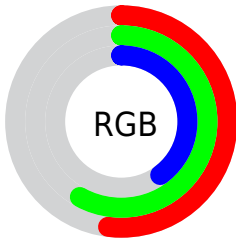
Format	Color
RYB	101, 148, 117
Decimal	8688741
CIELab	59.00, -14.17, 23.01
CIELCh	59, 27.027, 121.623
Yxy	27.0261, 0.3411, 0.4106
Android (android.graphics.Color)	4286878821 (0xFF849465)
YUV	137.8580, -18.1710, -5.1375
Hunter-Lab	51.9855, -13.8735, 17.7485

Details

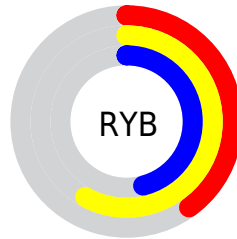
The HunterLab color $51.9855, -13.8735, 17.7485$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $39.0232, 11.0085, -18.3313$, and the grayscale version is $50.4264, -2.6906, 2.7398$.

A 20% lighter version of the original color is $74.1264, -16.4519, 21.6281$, and $32.5581, -10.9401, 13.7370$ is the 20% darker color. If you saturate the color by 10%, you get $51.3470, -16.7674, 21.1311$, and if you desaturate by 10%, it is $52.6868, -10.7071, 13.7521$.

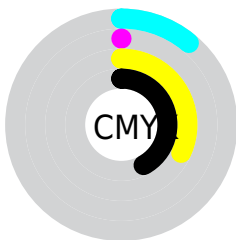
Distribution



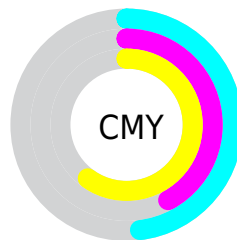
- Red (52%)
- Green (58%)
- Blue (40%)



- Red (40%)
- Yellow (58%)
- Blue (46%)



- Cyan (11%)
- Magenta (0%)
- Yellow (32%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9855, -13.8735, 17.7485 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 51.9855, -13.8735, 17.7485 by changing the saturation by 10% instead.

■ 51.9855, -13.8735,
17.7485

■ 51.9855, -13.8735,
17.7485

169.6418,
-25.9247, 33.7207

■ 41.9438, -12.5016,
15.7738

■ 74.1119, -16.5663,
21.5007

■ 32.6467, -11.0947,
13.6992

■ 86.1167, -17.8988,
23.3089

■ 24.1607, -9.6347,
11.4851

■ 98.7077, -19.2285,
25.0862

■ 16.5725, -8.0878,
9.1640

■ 111.8588,
-20.5587, 26.8402

■ 10.0042, -6.7858,
7.0030

125.5470,
-21.8917, 28.5765

0.0000, NaN, NaN

139.7521,

0.0000, NaN, NaN

-23.2295, 30.2997

0.0000, NaN, NaN

154.4558,
-24.5735, 32.0135

0.0000, NaN, NaN

■ 51.9855, -13.8735,
17.7485

■ 51.9855, -13.8735,
17.7485

■ 51.3470, -16.7674,
21.1311

■ 52.6868, -10.7071,
13.7521

■ 50.7670, -19.3802,
23.9021

■ 53.4478, -7.2718,
9.1436

■ 50.2455, -21.7123,
26.0747

■ 54.2694, -3.5786,
3.9335

■ 49.7807, -23.7672,
27.6719

■ 55.1513, 0.3607,
-1.8632

■ 49.3698, -25.5537,
28.7288

■ 56.0929, 4.5331,
-8.2273

■ 49.0092, -27.0874,
29.2965

■ 57.0931, 8.9245,
-15.1362

■ 48.7402, -28.2165,
29.5395

■ 58.1508, 13.5205,
-22.5650

■ 59.2647, 18.3063,
-30.4869

■ 60.4334, 23.2675,
-38.8744

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.9866, -3.4018, 19.7765



51.9855, -13.8735, 17.7485



51.9866, -20.8438, 11.8707

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.9866, -13.8748, 17.7491



51.9866, -12.8783, -19.2993



51.9866, 21.2360, 3.4223

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.9855, -13.8735, 17.7485



39.0232, 11.0085, -18.3313

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.9866, 18.1540, -8.1982



51.9855, -13.8735, 17.7485



51.9866, -2.1486, -22.9069

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.9866, -13.8748, 17.7491



51.9866, -20.3047, -9.4577



51.9866, 9.3385, -18.4680



51.9866, 17.4334, 12.6987

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.9855, -13.8735, 17.7485



51.9866, -22.9023, 5.8031



51.9866, 9.3385, -18.4680



51.9866, 20.9695, -0.3303

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.9866, -13.8748, 17.7491



71.1589, -8.9170, 11.1194



44.5886, 5.5791, 11.2011



33.9341, -4.5512, 5.7150



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.9866, -13.8748, 17.7491



68.4501, -21.1585, 26.8067



50.3600, -19.9842, 16.1862



25.7814, -3.0524, 3.7813



45.0619, -26.0090, 27.3116



5.1462, -2.2450, 3.1318

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.0232, 11.0085, -18.3313



47.6797, 18.9927, -31.7597



41.2748, 17.9095, -14.5008



23.9232, 0.4743, -1.2845



15.5817, 38.4046, -80.7864



2.1157, 4.6797, -6.8225

Previews

White Background



This preview shows how the HunterLab color 51.9855, -13.8735, 17.7485 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.9855, -13.8735, 17.7485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

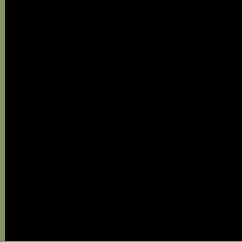
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.9855, -13.8735, 17.7485 Background



This preview shows how black text looks on a background with the HunterLab color 51.9855, -13.8735, 17.7485.



This preview shows how white text looks on a background with the HunterLab color 51.9855,

-13.8735, 17.7485.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.9855, -13.8735, 17.7485

Protanopia

51.9617, -5.0026, 18.7460

Deuteranopia

51.8967, 3.6004, 17.0790



Tritanopia

51.8060, -1.3447, -2.5916

Trichromacy



Original Color

51.9855, -13.8735, 17.7485

Protanomaly

51.8335, -8.3953, 18.2901

Deuteranomaly

51.6759, -2.8897, 17.0692

Tritanomaly

51.8671, -6.6931, 6.0610

Monochromacy



Original Color

51.9855, -13.8735, 17.7485

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

51.0499, -7.0697, 8.7992

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9855, -13.8735, 17.7485 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(132, 148, 101)` looks like.

```
.text, #text, p{  
    color:rgb(132, 148, 101)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(132, 148, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 148, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9855, -13.8735, 17.7485 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 148, 101) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(132, 148, 101) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(132, 148, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 148, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 148, 101);  
box-shadow:4px 4px 4px 4px rgb(132, 148,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9855, -13.8735, 17.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 148, 101) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(132,  
148, 101) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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